

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

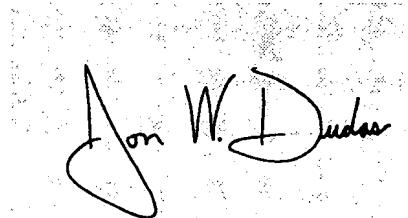
PATENT NO. : 7,017,148 B2
APPLICATION NO. : 09/903019
DATED : March 21, 2006
INVENTOR(S) : Kumar

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, at line 33, delete "UTnP" and insert --UPnP--.

Signed and Sealed this
Twenty-seventh Day of November, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office